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**Support system for trench walls - consists of panels supported by  
vertical guide rails and transverse struts with guide slot**

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Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 100083	A	19840208	EP 83107270	A	19830725	198407 B
WO 8400572	A	19840216	WO 83EP198	A	19830725	198408
DE 3243120	A	19840524	DE 3243120	A	19821122	198422
EP 116569	A	19840829	EP 83902253	A	19830725	198435
EP 100083	B	19861015			198642	
DE 3366982	G	19861120			198648	

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19820723

Cited Patents: EP 46553; GB 2018857

Patent Details:

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EP 100083 A G 16

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Abstract (Basic): EP 100083 A

Vertically sliding pairs of panels (2,3) have lateral edges sliding  
in struts (1). The outer panel (2) has a raised edge (99) which abuts  
against a roller (11) and slides in the side recess of the I-section  
strut. The latter carries a shaft (10) for four rollers (11,12).

It is supported by an adjustable horizontal strut (4) mounted  
transversely across the trench. The inner panel (3) slides between the  
outer panel and one roller (12). The other end of the transverse strut  
is attached to a second vertical strut fitted with guide rollers (11').

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Title Terms: SUPPORT; SYSTEM; TRENCH; WALL; CONSIST; PANEL; SUPPORT;  
VERTICAL; GUIDE; RAIL; TRANSVERSE; STRUT; GUIDE; SLOT

Derwent Class: Q42

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